PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Petent and Tradement Office; U.S. DEPARTMENT OF COMMERCE
Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains e valid OMB control number.

Complete if Known Substitute for form 1449/PTO **Application Number** To be announced 🤍 💟 Filing Date July 20, 2006 INFORMATION DISCLOSURE First Named Inventor Keiichi KURAMOTO STATEMENT BY APPLICANT Art Unit To be announced (Use as many sheets as necessary) **Examiner Name** To be announced Attorney Docket Number MIY.004.0003.PC Sheet 1 of 4

Examiner Initiels*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Neme of Petentee or Applicant of Cited Document	Peges, Columns, Lines, Where Relevent Passeges or Relevant
	110.	Number-Kind Code ^{2 (d known)}	MINI-DB-1111	Applicant of Oited Document	Figures Appear
	AA	^{US-} 5,548,021	08-20-1996	Donald T. LILES, et al	
	AB	^{US-} 5,496,527	03-05-1996	Hiroshi YOKOGAWA, et al	
•	AC	^{US-} 5,213,899	05-25-1993	Gary M. LUCAS	
	AD	^{US-} 5,175,057	12-29-1992	Jeffrey H. Wengrovius, et al	
	AE	^{US-} 5,908,873	06-01-1999	Paul J. Shustack	
	AF	^{US-} 6,180,741 B1	01-30-2001	Yoshikazu YAMAGUCHI, et al	
		US-			
-		US-			
		US-			
		US-		<u> </u>	
		US-			

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T [®]
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
	AG	JP 2005-298796	10-27-2005	Keiichi KURAMOTO, et al		1
	AH	JP 08-208988	08-13-1996	Donald T. LILES, et al		V
	Al	JP 07-138375	05-30-1995	Hiroshi YOKOGAWA, et al		V
	AJ	JP 04-300963	10-23-1992	Gary Morgan LUCAS		1
	AK	JP 04-300964	10-23-1992	Gary Morgan LUCAS		V
	AL	JP 05-186693	07-27-1993	Jeffrey H Wengrovius, et a		V

Examiner Signature	/Daniel Petkovsek/ (07/17/2008)	Date Considered	07/17/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to epplicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Stenderd ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senial number of the patent document. Kind of document by the eppropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 end 1.98. The information is required to obtain or retain e benefit by the public which is to file (and by the USPTO to process) an epplication. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IAP6 Rec'd PCT/PTO 20 JUL 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent end Trademark Office; U.S. DEPARTMENT OF COMMERCE

MIY.004.0003.PC

Under the Peperwork Reduction Act of 1995, no persons are required to respond to e collection of information unless it contains e valid OMB control number.

Substitute for form 1449/PTO

Application Number To be announced

Filing Date July 20, 2006

First Named Inventor Keiichi KURAMOTO

Art Unit To be announced

Examiner Name To be announced

Sheet 2

Attorney Docket Number

		-	U. S. PATENT D		
Examiner C Initials* N	Cite No.1		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (d known)}			Figures Appear
		US-			
	 	US-			-
	1	U\$-		······································	
		US-			
	 	US-			
		US-			
	1	US-			
		US-			
		US-	i		
		U\$-			
		US-			
		US-			
		US-			
		US-			

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	AM	JP 10-292167	11-04-1998	Chiu-Sing LIN, et al		V
	AN	JP 09-297225	11-18-1997	Paul J. SHUSTACK		V
	AO	JP 2002-512587	04-23-2002	Paul J. SHUSTACK, et al		
	AP	WO 99/31161	06-24-1999	Paul J. SHUSTACK, et al		V
	AQ	JP 11-106448	04-20-1999	Hideaki TAKASE, et al		√
	AR	WO 99/18043	04-15-1999	Hideaki TAKASE, et al		7

Examiner Signature	/Daniel Petkovsek/ (07/17/2008)	Date Considered	07/17/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 end 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed epplication form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MARG Rac'd PCT/PTO 20 JUL 2006

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known To be \$ 10 /c 5 8 6 6 6 4 Substitute for form 1449/PTO **Application Number** Filing Date July 20, 2006 INFORMATION DISCLOSURE First Named Inventor Keiichi KURAMOTO STATEMENT BY APPLICANT Art Unit To be announced (Use as many sheets as necessary) **Examiner Name** To be announced Attorney Docket Number MIY.004.0003.PC Sheet 3 of 4

			U. S. PATENT D		
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		Number-Kind Code ^{2 (d known)}			1 igures Appear
		US-			
	i	US-			
		US-			
,	<u> </u>	US-			
		US-			
		US-			
		US-		······································	-
	†	US-			
		US-			
		US-			
	<u> </u>	US-			
	 	US-			
	<u> </u>	US-			
-	\vdash	US-	+	·	-

		FORE	IGN PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	⊤⁵
	AS	JP 10-287717	10-27-1998	Keiichi YAMAGUCHI, et al		V
	AT	JP 2000-356722	12-26-2000	Kazuo SHIMIZU		√
•	AU	WO 98/26315	06-18-1998	Steven Bruce DAWES, et al		✓
	AV	JP 06-322136	11-22-1994	Yoshiki NAKAJO, et al		V
	AW	JP 2003-195070	07-09-2003	Yuuichi ERIYAMA, et al		✓
	AX	JP 2000-336281	12-05-2000	Kazuyuki TAKAMI, et al		V

			_
Examiner Signature	/Daniel Petkovsek/ (07/17/2008)	Date Considered	07/17/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Petent end Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known		
	Application Number	To be a nounced 6 6 6 4		
INFORMATION DISCLOSURE	Filing Date	July 20, 2006		
	First Named Inventor	Keiichi KURAMOTO		
STATEMENT BY APPLICANT	Art Unit	To be announced		
(Use as many sheets as necessary)	Examiner Name	To be announced		
Sheet 4 of 4	Attorney Docket Number	MIY.004.0003.PC		

Examiner Initials*	Cite No.1	Cite Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
	No.	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevent Figures Appear
		US-			
		US-			
		US-			
<u>-</u>		US-			
	1	US-			
	1	US-			
		US-			
		US-			
	1	US-			
		US-			
		US-			

		FORE	IGN PATENT DOCU	JMENTS		
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevent Pessages Or Relevant Figures Appear	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			Te
	AZ	JP 2000-034413	02-02-2000	Motoomi ARAKAWA, et al		1
						┡
						┡

	. ==:		
Exeminer Signature	/Daniel Petkovsek/ (07/17/2008)	Date Considered	07/17/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) en application. Confidentiality is governed by 35 U.S.C. 122 end 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, end submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.